


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PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032  
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UTILITY  
PATENT APPLICATION  
TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 16435-0033U

First Inventor John Merchant

Title SYSTEM AND METHOD FOR HIGH-RESOLUTION IMAGING  
WITH A SMALL-FORMAT FOCAL-PLANE ARRAY USING  
SPATIAL MODULATION

Express Mail Label No. EV 336 740 877 US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

## ADDRESS TO:

Mail Stop Patent Application  
Commissioner for Patents  
Box 1450  
Alexandria, VA 22313-1450

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 30 ]  
(preferred arrangement set forth below)  
- Descriptive title of the Invention  
- Cross References to Related Applications  
- Statement Regarding Fed sponsored R & D  
- Reference to sequence listing, a table,  
or a computer program listing appendix  
- Background of the Invention  
- Brief Summary of the Invention  
- Brief Description of the Drawings (if filed)  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 5 ]
5. Oath or Declaration (unsigned) [Total Pages 2 ]  
a. ☒ Newly executed (original or copy)  
b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for a continuation/divisional with Box 18 completed)  
i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)  
a. ☐ Computer Readable Form (CRF)  
b. Specification Sequence Listing on:  
i. ☐ CD-ROM or CD-R (2 copies); or  
ii. ☐ paper  
c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATIONS PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. §3.73(b) Statement ☒ Power of  
(when there is an assignee) Attorney (unsigned)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure ☐ Copies of IDS  
Statement (IDS)/PTO-1449 Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☒ Nonpublication Request under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent.
17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,  
or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

Prior application information: Examiner \_\_\_\_\_

of prior application No: \_\_\_\_\_ /

Group / Art Unit:

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied  
under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference.  
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 17. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

24267

PATENT TRADEMARK OFFICE

or ☐ Correspondence address below.

Name	William A. Loginov					
Address	Cesari and McKenna 88 Black Falcon Avenue					
City	Boston	State	MA	Zip Code	02210	
Country	U. S. A.	Telephone	(617) 951-2500	Fax	(617) 951-3927	

Name (Print/Type)	William A. Loginov	Registration No. (Attorney/Agent)	34,863
Signature		Date	March 22, 2004

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comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark  
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Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

The PTO did not receive the following  
listed item(s) the fee transmittal

1-7-04

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re The Application of:	)	
John Merchant	)	
	)	
Serial No.: Not yet assigned	)	Examiner: Not yet assigned
	)	
Filed: March 22, 2004	)	
	)	Art Unit: Not yet assigned
For: SYSTEM AND METHOD FOR	)	
HIGH-RESOLUTION IMAGING	)	
WITH A SMALL-FORMAT FO-	)	
CAL-PLANE ARRAY USING	)	
SPATIAL MODULATION	)	

Cesari and McKenna, LLP  
88 Black Falcon Avenue  
Boston, MA 02210  
March 22, 2004

**EXPRESS-MAIL DEPOSIT**

“Express Mail” Mailing-Label Number: EV 336 740 877 US

The following papers are being deposited with the United States Postal Service  
“Express Mail Post Office to Addressee” service pursuant to 37 C.F.R. §1.10:

<u>X</u> Patent Application ( 30 pages including 19 claims )	
<u>X</u> Power of Attorney (unsigned)	<u>X</u> Oath or Declaration (unsigned)
	<u>X</u> Utility Patent Application Transmittal Letter
<u>X</u> Informal Drawings ( 5 sheets )	
<u>X</u> Non-publication Request	<u>X</u> Return Postcard

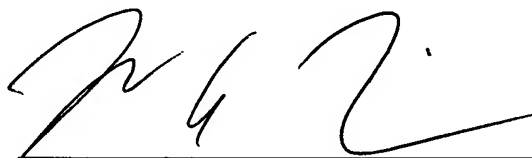
**REQUEST AND CERTIFICATION  
UNDER  
35 U.S.C. 122(b)(2)(B)(i)**

First Named Inventor	John Merchant
Title	SYSTEM AND METHOD FOR HIGH-RESOLUTION IMAGING WITH A SMALL-FORMAT FOCAL-PLANE ARRAY USING SPATIAL MODULATION
Atty Docket Number	16435-0033U

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

March 22, 2004

Date



Signature

William A. Loginov, Reg. No 34,863

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

**Burden Hour Statement:** This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.